

Session Program

7-8 Dec 2021



MLZ User Meeting 2021

Positrons

Tuesday 7 December

09:00

Positrons: Positrons I

Session | Convener: Christoph Hugenschmidt

09:00–09:05 **Welcome**

Speaker

Christoph Hugenschmidt

09:05–09:30

Study of point defects in group-III nitrides by means of positron annihilation spectroscopy

Speaker

Prof. Akira Uedono

09:30–09:55

Defect studies in tungsten using a slow positron beam

Speaker

Vassily Vadimovitch Burwitz

09:55–10:20

LIMPID - Layer-wise Investigation of Measurements on Positron Implantation and Diffusion

Speaker

Lucian Mathes

10:20

13:15

Positrons: Positrons II

Session | Convener: Christoph Hugenschmidt

13:15–13:40

Vacuum compatible electronics for positron physics.

Speaker

Francesco Guatieri

13:40–14:05

The Pulsed Low-Energy Positron System PLEPS: Recent Developments

Speaker

Ricardo Helm

14:05–14:30

Formation of a micrometer positron beam at the Scanning Positron Microscope

Speaker

Johannes Mitteneder

14:30

16:15

Positrons: Positrons III

Session | Convener: Christoph Hugenschmidt

16:15–16:40

Progress toward creation and study of positron-electron plasma using the NEPOMUC positron source

17:30

Speaker

Matthew Stoneking

16:40–17:05

A buffer-gas trap for the NEPOMUC positron beam

Speaker

Adam Deller

17:05–17:30

Plans for a high field multi-cell trap for positron accumulation

Speaker

Martin Singer